English claim terms having a scope of meaning consistent with the original intended language in preparation for U.S. examination; (iv) to remove limitations having an effect in a foreign country which is different and unintended under U.S. practice (i.e., changing "consisting of" to "comprising"); (v) to remove or amend original claim language that could be regarded as alternative expressions that are acceptable under foreign patent practice but possibly subject to objection under U.S. practice, typically having a broadening or neutral effect in the amended claim; and/or (vi) to improve the clarity or meaning of the original language.

In the case of amendments effectively changing an original claim element expressed as a "means plus function" that could raise a presumption of claim expression under 35 U.S.C. 112, 6th paragraph to a structural expression or to an expression removing the presumption of a "means-plus-function" statement, it is not intended to narrow the claim so amended for purposes of patentability, but rather to place the claim in a form considered to be intended by the applicant from a foreign country where claim limitations described in terms of means-plus-function do not have the same effect as under U.S. practice. Thus, such amendments are intended to establish a full range of equivalents to the claim elements so amended under the U.S. doctrine of equivalents and beyond the range associated with "means-plus-function" expressions according to 35 U.S.C. 112, 6th paragraph, just as if the claim so amended was presented originally in its amended form.

All rights are reserved to the original disclosed and claimed subject matter and any cancellation of claims is made without prejudice or disclaimer.

LIST OF CURRENT CLAIMS

1. (Currently Amended) A communication apparatus for setting up a data connection between intelligent devices, ~~having~~ comprising:

~~a coil (13, 23, 33) which is part of~~ a transmission oscillator ~~(50)~~ for carrying out a contactless data exchange, said oscillator including a coil;

a communication element ~~(12, 22)~~ which is connected to the coil ~~(13, 23, 33)~~ and the data processing component ~~(11, 21)~~ of an intelligent device ~~(10, 20, 30)~~ and which emits search signals via the coil ~~(13, 23, 33)~~ to receive a response from another intelligent device ~~(10, 20, 30)~~,

a measuring device ~~(14, 24)~~ for monitoring a property of the transmission oscillator ~~(50)~~ which outputs a control signal when ascertaining a change of the monitored property,

and a switching apparatus ~~(15, 25)~~ which is connected to the measuring device ~~(14, 24)~~ and the communication element ~~(12, 22)~~ and which switches on the communication element ~~(12, 22)~~ when it has received a control signal from the measuring device ~~(14, 24)~~.

2. (Currently Amended) The communication apparatus according to claim 1, including ~~characterized in that~~ an assembly ~~(52)~~ that is switchable to the transmission oscillator ~~(50)~~ via a switch ~~(47)~~, said assembly causing an increase in the bandwidth of the oscillating circuit ~~(50)~~.

3. (Currently Amended) The communication apparatus according to claim 2, wherein ~~characterized in that~~ the assembly ~~(52)~~ is a resistive element.

4. (Currently Amended) The communication apparatus according to claim 1, including ~~characterized in that~~ an assembly ~~(51) is~~ switchable to the transmission oscillator ~~(50)~~ via a switch ~~(47)~~, said assembly causing a change in the resonant frequency of the transmission oscillator ~~(50)~~.

5. (Currently Amended) The communication apparatus according to claim 4, wherein ~~characterized in that~~ the assembly is arranged to enable ~~(51) causes~~ a reduction in the resonant frequency.

6. (Currently Amended) The communication apparatus according to claim 4, wherein ~~characterized in that~~ the assembly ~~(51)~~ comprises a capacitor.

7. (Currently Amended) The communication apparatus according to claim 1, wherein ~~characterized in that~~ the measuring frequency of the measuring device ~~(14)~~ is sweepable over a predetermined frequency domain.

8. (Currently Amended) The communication apparatus according to claim 1, wherein ~~characterized in that~~ the switching apparatus ~~(15, 25)~~ has a time controller ~~(45)~~ for cyclically switching the measuring device ~~(14, 24)~~ on and off.

9. (Currently Amended) The communication apparatus according to claim 8, wherein ~~characterized in that~~ the time controller ~~(45)~~ keeps the on state of the measuring device ~~(14, 24)~~ shorter than the off state.

10. (Currently Amended) The communication apparatus according to claim 8, wherein ~~characterized in that~~ the measuring device ~~(14, 24)~~ stores a measuring value obtained during a cyclical on phase.

11. (Currently Amended) The communication apparatus according to claim 10 [[8]], wherein ~~characterized in that~~ the measuring device ~~(14, 24)~~ emits a control signal to the switching apparatus ~~(15, 25)~~ when a measuring value deviates from the average of the measuring values stored with the previous on phases.

12. (Currently Amended) The communication apparatus according to claim 8, wherein, ~~characterized in that~~ when the intelligent device ~~(10, 20, 30)~~ is switched on,

the communication element ~~(12, 22)~~ is initially on and the measuring device ~~(14, 24)~~ off.

13. (Currently Amended) The communication apparatus according to claim 1, wherein ~~characterized in that~~ the measuring device ~~(14, 24)~~ has a first oscillator device ~~(60)~~ coupled at least temporarily with the coil ~~(13, 23, 33)~~, for producing a first oscillation signal, and a second oscillator device ~~(62)~~ for producing a second oscillation signal.

14. (Currently Amended) The communication apparatus according to claim 13, wherein ~~characterized in that~~ the measuring device ~~(14, 24)~~ has circuit components ~~(64, 65, 66, 67)~~ for producing the control signal for the switching apparatus ~~(15, 25)~~ on the basis of a phase relation between the first and second oscillation signals or signals derived therefrom.

15. (Currently Amended) A method for switching on a communication element configured ~~designed~~ to use a coil ~~(13, 23, 33)~~, which is part of a transmission oscillator ~~(50)~~, for automatically setting up a data connection with an intelligent device ~~(10, 20, 30)~~ likewise having a communication element ~~(12, 22)~~ and a coil ~~(13, 23, 33)~~, comprising ~~having~~ the following steps:

monitoring a parameter of the transmission oscillator ~~(50)~~ by means of a measuring device ~~(14, 24)~~,

producing a control signal upon the occurrence of a change in the monitored property,

switching on the communication element ~~(12, 22)~~ by a switching apparatus ~~(15, 25) due~~ in response to the control signal.

16. (Currently Amended) The method according to claim 15, wherein ~~characterized in that~~ the measuring frequency of the measuring unit ~~(46)~~ is swept over a given frequency domain during the monitoring of the property.